



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial No: 10/603,392 Docket No: 1981034
Filing Date: 06/24/2003 Applicant: Jefferson Liu
Examiner: VORTMAN, ANATOLY Art Unit: 2835
Title: **SELF-HEAT-CONDUCTIVE HEAT DISSIPATING MODULE
(AS AMENDED)**

To: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE TO OFFICE ACTION TRANSMITTAL

1. Transmitted herewith is a response to an office action for this application.

STATUS

2. Applicant is entitled to Small Entity Status.

3. The proceedings herein are for a patent application and the provisions of 37 CFR 1.136 apply. Applicant believes that in light of the original response, no extension of time should be required. However, a conditional petition for extension of time is hereby made to provide for the possibility that applicant indeed needs a petition for extension of time.

4. **FEE FOR CLAIMS:** The fee for claims has been calculated as follows:

Claims Remaining After Amendment	Highest No. Previously Paid For	Present Extra
Total 6	- 20	= 0
Ind. 1	- 3	= 0

5. **FEE PAYMENT:** Applicant believes that no fee is required at this time. Authorization is hereby given to charge any fees that are required to deposit account number 11-1245.

6. Certificate of Mailing (37 CFR 1.8a): I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as First Class Mail in an envelope addressed to: Mail Stop Non-Fee Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Respectfully submitted,

Date: November 10, 2004

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IFW

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RESPONSE TO OFFICE ACTION

Dear Sir:

The following is in further response to the Office Action dated 08/10/2004

AMENDMENTS TO THE CLAIMS

1-7. (Canceled)

8. (Currently amended) A self-heat-conductive heat dissipating module, comprising:
a plurality of heatsinks which are overlapped, said heatsinks being physically
separated from each other and having a discontinuous contact interface, with each said
heatsink having a plurality of fins connected to a base of said heatsink, said base also
having a plurality of trenches;
at least one heat convection superconductive tube containing a high temperature
superconductor composite material, said superconductive tube connecting a pair of said
heatsinks, said at least one superconductive tube having a first portion that is received in
one of said trenches of said base of a first heatsink of said pair of heatsinks, and said at
least one superconductive tube having a second portion that is received in one of said
trenches of said base of a second heatsink of said pair of heatsinks, such that heat is